



## ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

MEMORANDUM

DATE February 19, 1988

TO Division File

FROM Gino Brunl

SUBJECT 0971900001-Lake County-Waukegan/Municipal #1  
~~POS~~ GW

EPA Region 5 Records Ctr



350919

Howard Chin (Attorney General - Cook County) requested that the Agency be present during installation of leachate collection wells at the above mentioned site. The following individuals were present: Mike Kuhn and Mike Olson from Lake County Health Dept., George Gaffke from Henry Boysen Co., Howard Chin from Attorney General's office, Bill Fisher from North Illinois Survey, the driller and laborer from Henry Boysen Co., and I.

On February 19, 1988 I observed Henry Boysen Co. drill four borings (see site sketch). Six inch diameter PVC pipe was installed in boring number two and four. Six inch PVC pipe will be installed in boring number one on February 20, 1988. The screen portion of the PVC pipe had 1/8 inch holes, which were drilled by the Henry Boysen Co. Mr. Gaffke was going to use the material drilled from the hole for the annular sealant. Howard Chin and I instructed Mr. Gaffke to use pea gravel for the annular sealant. Mr. Gaffke agreed to use pea gravel and informed Howard Chin that a five foot bentonite seal will be installed. Howard agreed that the five foot bentonite seal could be used. The bentonite seal and the annular sealant will be installed the next day (February 20, 1988).

A frozen leachate pond was observed on the southwest side of the site (see photo #1, and site sketch). Leachate from boring number 2 was coming out of the hole and entering into the frozen leachate pond (see photos five and six). Boring number one filled up with leachate (see photo number 2). Boring number four contained leachate. The leachate in boring number four was bubbling up the hole, which was apparently caused by the release of Methane gas (see photo number 9). All of the borings exhibited a strong leachate odor. At the end of the day boring number three began to fill up with leachate. PVC pipe will not be placed in boring number three.

GB lb

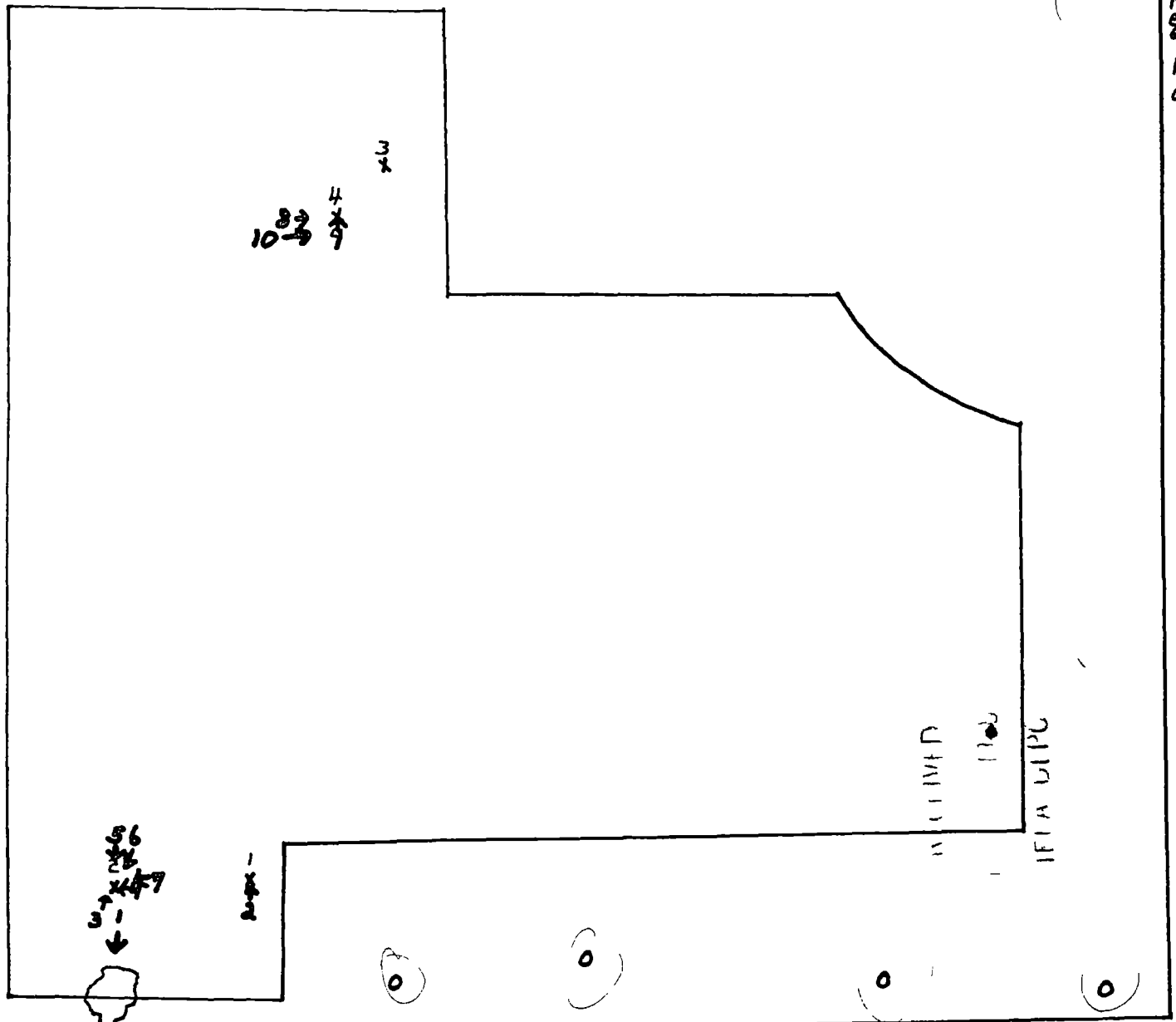
cc Maywood Region

IEPA 01 (

Waukegan Municipal #1  
2-19-88

1  
N

Yorkhouse Rd



FROZEN  
LEACHATE  
POND

Hendee St

- x boring
- o Private Well
- Monitoring Well
- 1 → Photo

NOT TO SCALE